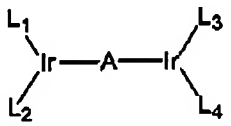
IN THE CLAIMS:

1. (Canceled)

2. (Currently amended) An emissive iridium (III) complex ~~according to claim 1~~ suitable for use in an emissive layer of an OLED, having the formula:



(III)

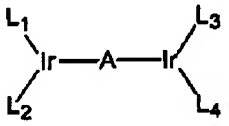
wherein A is a group L'-R-L'' in which R is a divalent hydrocarbon radical, and L', L'', L_1, L_2, L_3 and L_4, ~~which may be the same or different,~~ are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the iridium atom, wherein L_1, L_2, L_3 and L_4 are the same and not the same as L' or L''.

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Currently amended) ~~The iridium (III) complex of claim 2,~~ An emissive iridium (III) complex suitable for use in an emissive layer of an OLED, having the formula:



(III)

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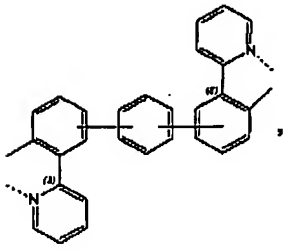
wherein L_1, L_2, L_3 and L_4, which may be the same or different, are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a

nitrogen atom complexed to the iridium atom, and wherein A is selected from the group consisting of: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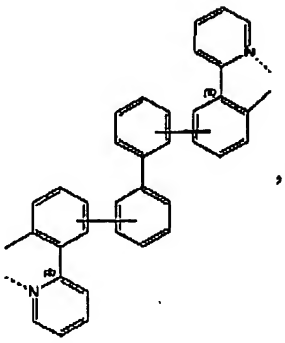
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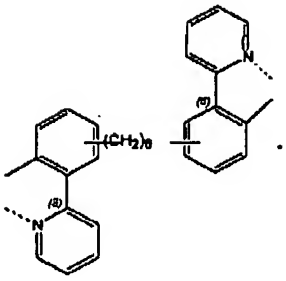
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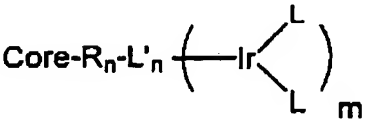
7. (Currently amended) An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer comprises the emissive iridium (III) complex of ~~any of claims 1 to 6~~ claim 2 or claim 6.

8. (Original) The organic light emitting device of claim 7, wherein said complex is doped in a host material in said emissive layer.

9. (Original) The organic light emitting device of claim 7, wherein said complex is not doped in a host material.

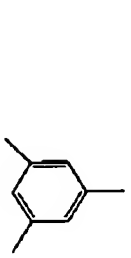
10. (Original) The organic light emitting device of claim 7, having a theoretical efficiency greater than 25 percent.

11. (Currently amended) An emissive iridium(III) complex ~~according to claim 1~~ suitable for use in an emissive layer of an OLED, having the structure


(IV)

~~where core is an m-valent radical;~~

wherein each Rn is a divalent hydrocarbon radical, L'n is a ligand having a carbon covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and each ligand L, which may be the same or different, has a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and wherein Core is an m-valent radical selected from the group consisting of:



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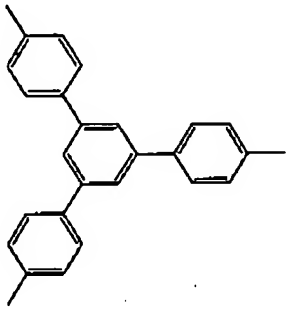

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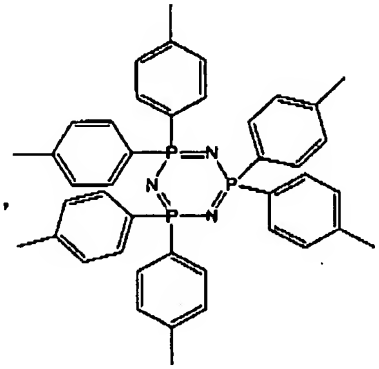
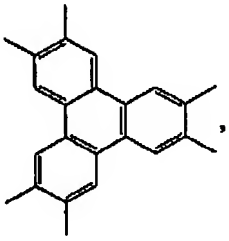
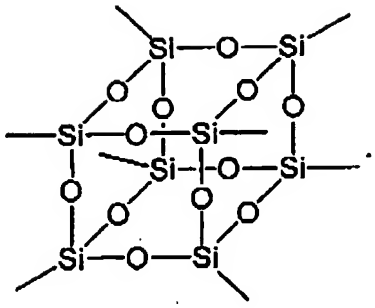




, and



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12. (Canceled)

13. (Currently amended) An organic light emitting device comprising an anode, a cathode, an electron transport layer, a hole transport layer, ~~and~~ an electron transport/hole blocking layer, and an emissive layer comprising an iridium (III) complex according to claim 11 ~~or 12~~.

14. (Original) The organic light emitting device of claim 13 having a theoretical device efficiency greater than 25 percent.